

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-090559

(43)Date of publication of application : 29.03.1994

(51)Int.Cl.

H02M 3/28
H02M 3/338

(21)Application number : 04-237938

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(22)Date of filing : 07.09.1992

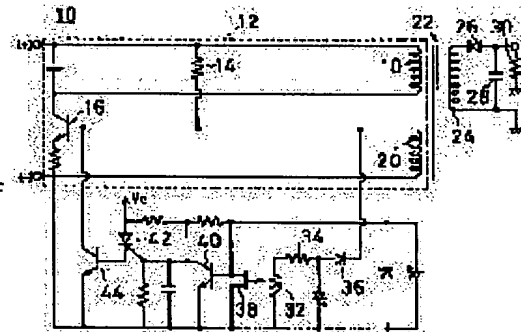
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(54) POWER CIRCUIT

(57)Abstract:

PURPOSE: To make short-circuit current of an oscillating circuit small after the stoppage of oscillation by detecting the output of a feedback winding which induces an electromotive force which changes the same as the output voltage of a transformer does and then controlling an oscillating transistor.

CONSTITUTION: When the current which flows in a load 30 becomes too large, the output voltage of a secondary winding 24 of a transformer 22 drops and the output of a feedback winding 20 drops, too. Therefore, the voltage of a variable resistor 32 drops. When the voltage of the variable resistor 32 becomes a certain level or lower, a FET 38 is turned on and then current flows into a gate of a thyristor 42 and the thyristor 42 is turned on and so, an oscillation controlling transistor 44 is turned on. Therefore, the base current of an oscillation transistor 16 is dragged into the oscillation controlling transistor 44 and then an oscillating circuit 12 stops oscillation.



LEGAL STATUS

[Date of request for examination] 23.04.1999

[Date of sending the examiner's decision of rejection] 25.04.2000

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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